



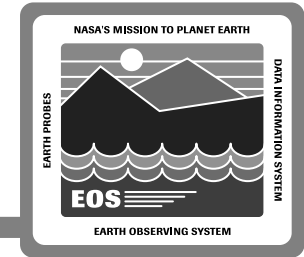
I&T Test Status

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5 August 1996

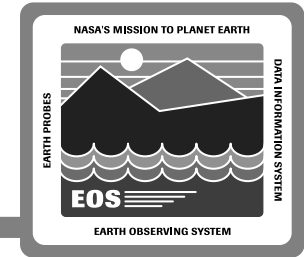
RTM Status



Release A Level 4 Requirements by Type

Requirement Type	# Requirements
Functional	1543
RMA	100
Evolvable	9
Interface	196
Operational	47
Performance	82
Procedural	4
Standards	21
Total	2002

RTM Status



Requirement Type	# Requirements	#Linked	%Linked
Functional	1231	890	73%

1543 total

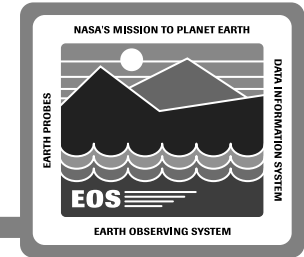
- 105 hardware, 176 HRD,
and 31 ISS

Interface	196	119	61%
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Types of requirements not linked:

- Pure COTS requirements, such as OODCE and Sybase
- Site Specific Requirements
- Requirements that were added as a result of CCRs applied to RTM 7/31/96 baseline
- Remaining requirements are under analysis to determine appropriate mapping.
- Effort is underway to determine the number of hardware requirements that can be tested pre-CSR.

I&T Test Status



	P1 Run/total	P2	P3	Total
Threads	26/26	36/36	0/55	62/117
Builds	4/4	9/9	0/12	13/25

- **Highlights from Phase 1 and 2 testing**

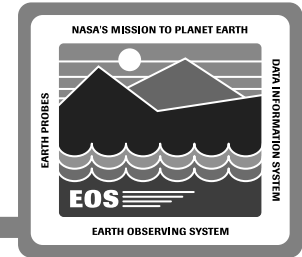
Conducted Phase 1 demos to ESDIS and IV&V. Demonstrated phase 1 capabilities for the following subsystems: PDPS, MSS, CSS, and Ingest

Baselined mini-DAAC configuration to support move to GSFC DAAC in August

Completed Phase 2 mini-TRRs for PDPS, MSS, CSS, Ingest and Data Server

Conducted Phase 2 demo of PDPS

I&T Test Status



- **Phase 3 Test Status**

- **Fourteen unresolved Level 1 and 2 NCRs written during first two phases will be resolved in Phase 3**
- **Phase 3 testing includes Phase 2 threads and build that were not executed because of Level 1 NCRs**

Document Data Server Thread

Inventory Search Thread (V0 Gateway)

User Search Services Build

- **Phase 3 Testing has started in the mini-DAAC for the following subsystems**

CSS

MSS

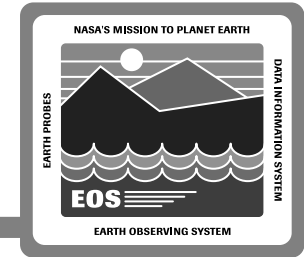
Desktop

V0 Search and Order Tool

Ingest

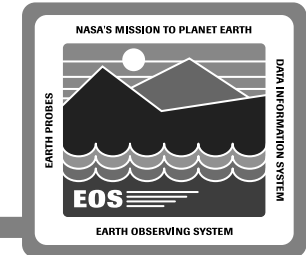
- **Twenty Level 1 and 2 NCRs currently open, 14 from Phase 1 and 2, 6 from Phase 3**

Disposition of Ir1 NCRs



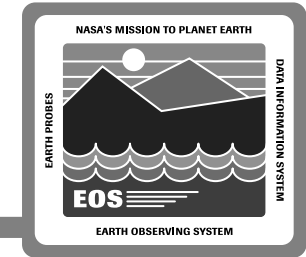
- **Total 311 non-duplicate Ir1 Class NCRs (Deployed_Sys & Develop_Test Projects)**
- **Currently 85 NCRs remain open**
 - **20 Resolved NCRs (States R, T, & V)**
 - **65 Unresolved NCRs (States N, A, & O)**
 - **36 Not applicable to Release A (e.g., Hardware, Configuration problems)**
 - **29 NCRs for resolution/verification during Rel. A I&T**
- **Ir1 DDTS Home Page accessible via WWW at all sites (<http://newsroom.gsfc.nasa.gov/ir1/ddts.html>)**
- **Testing of identified Ir1 NCRs coordinated with Ir1 Sustaining Engineering (Mike Molinet)**

Ir1 NCRs Applicable to Release A



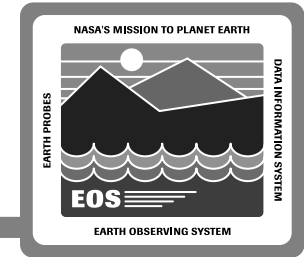
<u>NCR</u>	<u>Title</u>	<u>Rel. A Test Case</u>
1085	NetCDF for SGI 64 bit - Problem	ToolKit
1564	Line on Alarm MGr Window Partially Chopped	TS070
1610	Closing Acrobat Incorrectly Terminates Display	BS015
1615	Errors w/ WABI When Editing/Saving Files	BS015
1623	AutoSys Doesn't Recognize Proc. Sys. Fault	TS070
1654	Anonymous FTP Not Supported in Ir1	TC034
1687	Special Char.s in Passwd Cause Problems w/ FTP	TC034
1758	Need Setup Files for All Shells	BS015
1764	Sci. Proc. & MSS Sun Boot Dependence	BC009
1776	Checker Does Not Account for #ifdef's in Source	BS015
1786	GUI Disappears & Prog. Quits Intermittently	ToolKit
1810	PCF Checker Can't Handle Big File	ToolKit

Ir1 NCRs Applicable to Release A (cont.)



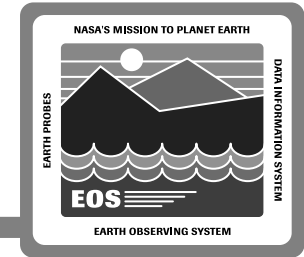
<u>NCR</u>	<u>Title</u>	<u>Rel. A Test Case</u>
1820	GUI Disappeared After Second File Specified	BS015
1822	IMSL Function rline Aborts	ToolKit
1827	PCF Checker Doesn't Check for Missing File Names	ToolKit
1850	PGSMMSG Dir. Requires World Write	ToolKit
1885	SGI ANSI C Violations	BS015
1886	SGI Native Compiler Bugs	BS015
1890	Sys Clock Error After spr1sgigsfc Reboot	BC009
1977	Install rusage Officially	BS015
1979	pgs-dev-env File Support for SCF TK	ToolKit
1982	End-to-End NAG F90 Support	ToolKit
1983	Need Non-Alias Mechanism for TK Env Setup	ToolKit
2009	CaseVision Configuration (DR 34)	BS015

Ir1 NCRs Applicable to Release A (cont.)



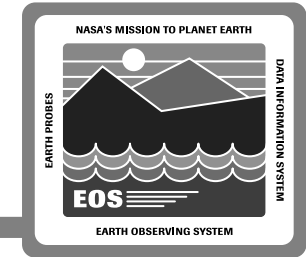
<u>NCR</u>	<u>Title</u>	<u>Rel. A Test Case</u>
2122	Aesthetic Prob. w/ New Mess. Tag in LogStatus	BS015
2257	Password Auditing (DR 40)	TC028
2258	Log File for TCP Wrappers (DR 41)	BC010
2259	Security Management Reports (DR 42)	TC028
2367	Ingest Should Complain About Zero-Length Files	TS035

ECS Development Status



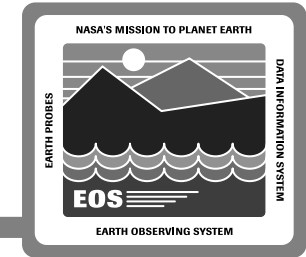
Subsystem	Functionality	Date
Data Server	Code drop c Distribution - electronic and media, including FTP for distribution, and tape stacker server Document Data Server	8/31/96
Ingest	Interface changes due to upgrades (e.g., security and ICDs) Event logger updates Performance metrics	8/31/96

ECS Development Status (cont.)



Subsystem	Functionality	Date
MSS	Management Agent SGI Port MDA Log Processing HpOpenView customization and remaining scripts	8/16/96
Client/Desktop	IBM Port	8/22/96
Data Management	HP Port, Order Tracking	8/7/96

ECS Development Status (cont.)



Subsystem	Functionality	Date
Interoperability	Replication Server (Sybase)	8/22/96
Planning	Interface upgrades for security, data server	8/30/96
Processing	Interface upgrades for security, data server	8/30/96
	QA Monitor and Pre- Processing SGI Port	8/30/96